

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040320\
 Data File : VU037569.D
 Acq On : 03 Apr 2020 15:42
 Operator : JC/MD
 Sample : L2065-20
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBEW1

Quant Time: Apr 04 05:53:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 04 05:18:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	227676	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	212571	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	101208	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	96465	52.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.34%
7) Chloroethane-d5	1.92	69	74438	50.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.59	63	158333	50.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.88%
21) 2-Butanone-d5	4.66	46	137216	98.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.73%
24) Chloroform-d	5.10	84	165984	53.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.56%
26) 1,2-Dichloroethane-d4	5.74	65	107156	51.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.62%
32) Benzene-d6	5.76	84	334541	54.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.62%
36) 1,2-Dichloropropane-d6	6.72	67	112490	54.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.52%
41) Toluene-d8	7.93	98	309899	53.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.98%
43) trans-1,3-Dichloropropene-	8.20	79	59318	52.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.38%
47) 2-Hexanone-d5	8.66	63	108987	99.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.22%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	158338	53.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.84%
64) 1,2-Dichlorobenzene-d4	12.21	152	114012	55.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.42%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	26511	18.011	ug/L	100
3) Chloromethane	1.54	50	27497	17.612	ug/L	99
5) Vinyl chloride	1.62	62	59501	38.378	ug/L	99
6) Bromomethane	1.86	94	10700	13.993	ug/L	99
8) Chloroethane	1.94	64	17312	18.933	ug/L	99
9) Trichlorofluoromethane	2.15	101	66897	30.413	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	19844	15.817	ug/L	95
12) 1,1-Dichloroethene	2.60	96	54649	44.872	ug/L #	68
16) Methylene chloride	3.07	84	41773	28.278	ug/L	92
17) trans-1,2-Dichloroethene	3.39	96	18823	14.353	ug/L	91
19) 1,1-Dichloroethane	3.91	63	107506	41.841	ug/L	98
20) cis-1,2-Dichloroethene	4.71	96	41033	27.170	ug/L	100
23) Bromochloromethane	5.02	128	19491	26.889	ug/L	92
25) Chloroform	5.13	83	100252	37.422	ug/L	97
27) 1,2-Dichloroethane	5.83	62	93057	45.009	ug/L	99
30) 1,1,1-Trichloroethane	5.35	97	30553	13.559	ug/L	97
31) Carbon tetrachloride	5.56	117	75482	40.701	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) Benzene	5.81	78	173914	31.225	ug/L	100
34) Trichloroethene	6.57	95	80179	55.053	ug/L	95
37) 1,2-Dichloropropane	6.82	63	40799	25.709	ug/L	100
38) Bromodichloromethane	7.14	83	27023	13.092	ug/L	97
39) cis-1,3-Dichloropropene	7.64	75	40558	16.363	ug/L	95
44) trans-1,3-Dichloropropene	8.24	75	74632	30.575	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	24623	16.994	ug/L	99
46) Tetrachloroethene	8.58	164	46888	47.949	ug/L	98
49) Dibromochloromethane	8.84	129	42449	26.266	ug/L	100
50) 1,2-Dibromoethane	8.95	107	30411	19.085	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.80	83	63789	24.421	ug/L	100
61) Bromoform	10.31	173	38559	33.327	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	15551	22.406	ug/L	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

